

# Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

**Progress Report #52—June 23, 2008**

## Work Completed: June 12-June 18, 2008

- Continued removing soil and sediment from Removal Area 10B and continued removing floodplain soil from Removal Areas 11A, 12A, and 13A.
- Completed the installation of resuspension control systems in Removal Area 12B.
- Began removing soil and sediment from Removal Area 12B.
- Began the installation of resuspension control systems in Removal Area 11A.
- Continued soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continued loading and transporting solidified soil/sediment TSCA material from Staging Area 3S and from Removal Area 10B to EQ Wayne County Disposal Facility located in Belleville, Michigan.
- Completed post-construction seeding in Removal Areas 7, 9A, and 10A.
- Began post-construction seeding in Removal Areas 8 and 9B.
- Began post-construction activities in Removal Area 11B, including placement of river run rocks and topsoil.
- Continued operation of the WCS.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	595	17	2,135	61
2008 Total	2,520	72	27,825	795
Project Total to Date	5,530	158	61,740	1,764

Note: All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5

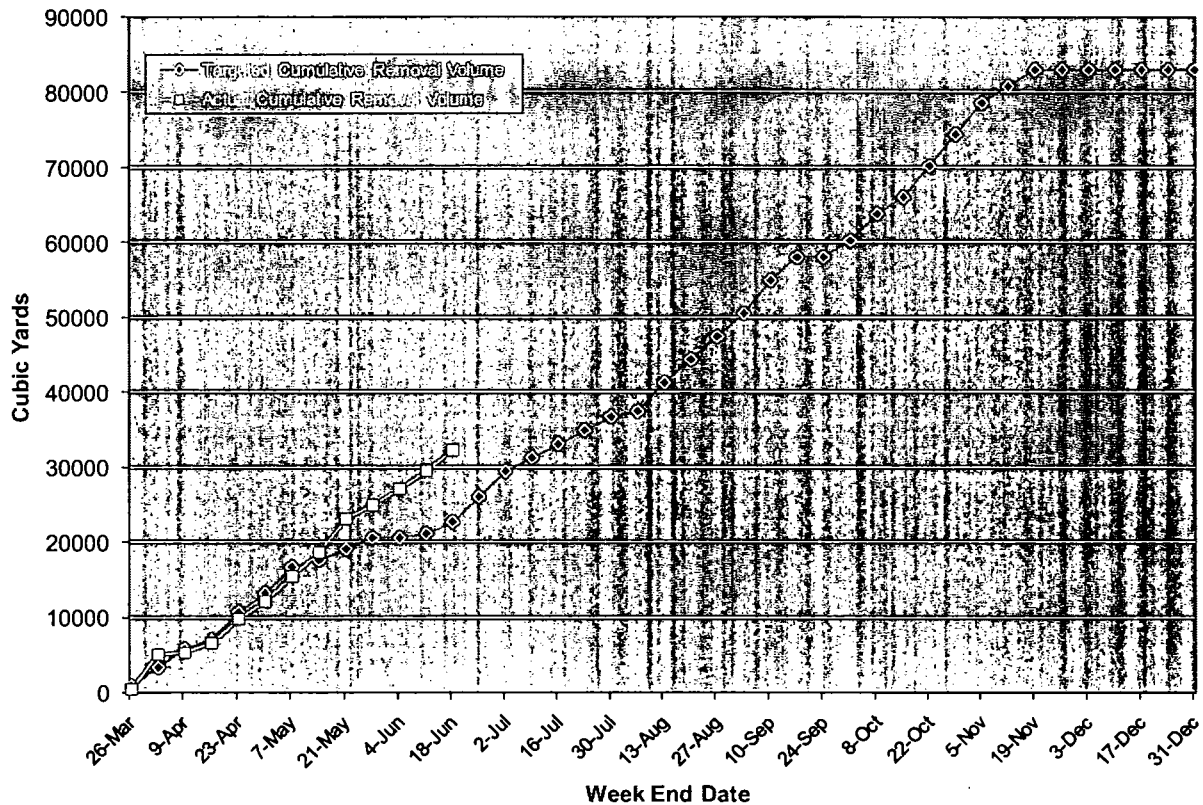


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***Work Planned: June 19-June 25, 2008***

- Continue removing soil and sediment from Removal Areas 10B and 12B. Continue removing floodplain soil from Removal Areas 12A, and 13A.
- Continue the installation of resuspension control systems in Removal Area 11A.
- Begin removing soil and sediment from Removal Area 11A.
- Continue soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continue loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue loading and transporting solidified soil/sediment TSCA material from Staging Area 3S and from Removal Area 10B to EQ's Wayne County Disposal Facility located in Belleville, Michigan.
- Complete post-construction seeding in Removal Areas 8 and 9B.
- Continue post-construction activities in Removal Area 11B, including placement of river run rocks and topsoil.
- Continue operation of the WCS.

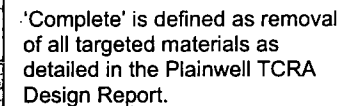
## Removal Progress



### Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.



***Health & Safety Update***

- 5 Loss Prevention Observations (LPOs) were completed during this period.  
A total of 166 LPOs have been completed for the project to date.

***Weather Summary***

- Construction activities were temporarily suspended on 3:00 pm on Friday, June 16<sup>th</sup> due to thunderstorms.

***Environmental Monitoring and Construction Quality Assurance Testing***

**Resuspension/Turbidity Monitoring:**

Testing Performed this Week? No ☐ Yes ☒  
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

**Dewatering System Discharge Monitoring:**

Discharge Flow: 63,000 gallons (Staging Area 4N) and 77,000 gallons (Staging Area 5S)  
Testing Performed this Week? No ☐ Yes ☒  
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

**Excavation Verification Sampling:**

Testing Performed this Week? No ☐ Yes ☒ in Removal Area 10B and 11B  
Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

***Issues Encountered/Solutions Advanced***

- None.

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***Equipment on Site***

Equipment	6/12/08	6/13/08	6/14/08	6/15/08	6/16/08	6/17/08	6/18/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

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***Personnel, Regulatory Staff, and Visitors on Site***

Individual/Affiliation	6/12/08	6/13/08	6/14/08	6/15/08	6/16/08	6/17/08	6/18/08
Terra Contracting Staff	18	18	12		25	25	25
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Mike Ribordy/USEPA OSC							
Tom Crosetto/USEPA OSC						X	X
Paul Bucholtz/MDEQ	X						X
John Bradley/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							X
Sharon Hanshue/MDNR							
Lisa Williams/USFWS							X
Weston Contractors	X	X			X	X	X
CDM Contractors	X	X	X		X	X	X
Chase Fortenberry/KRSG							X
Mark Brown/KRSG							
Steve Garbaciak/ARCADIS							X
Scott Harcus/ARCADIS	X	X			X	X	X
Eric Hritsuk/ARCADIS	X						
Wendell Miller/ARCADIS							
Matt Bowman/ARCADIS		X					X
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X	X	X		X	X	X
Joe Willoughby/ARCADIS	X	X	X		X	X	X
Ben Lawrence/ARCADIS					X	X	X
Adam Chwalibog							
ARCADIS H&S Audit Team							
Nick Harmer/ARCADIS	X	X	X		X	X	X
Other Subcontractors (Specify)							
King Co.						2	2
JF New	4						

*Photos from Week #52*



Sampling activities located in Removal Area 11B.



Loading of solidified soil and sediment from  
Staging Area 5S.



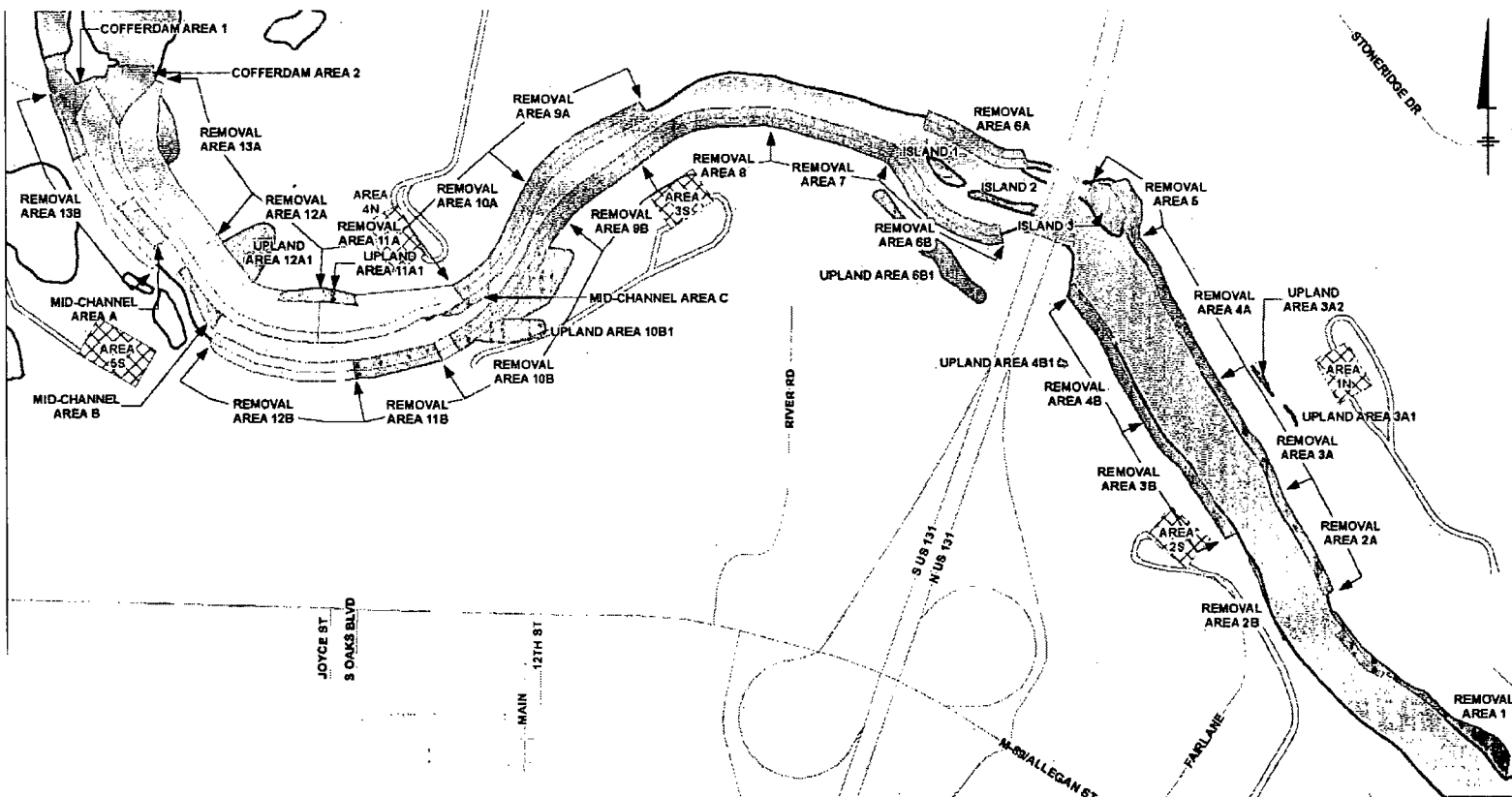
Installing a resuspension control system in  
Removal Area 11A.



Excavating soil and sediment from Removal Area  
12B.



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### Targeted Removal Areas—Former Plainwell Impoundment

LEGEND:

-  SHORELINE  
 RIVER  
 STAGING AREA  
 STAGING AREA - DEMOBILIZED  
 CLEARING/GRUBBING COMPLETE  
 REMOVAL COMPLETE  
 REMOVAL AND REPLANTING COMPLETE  
 AREAS TARGETED FOR REMOVAL IN 2008

TRUCK TRAFFIC:

- ===== REMOVAL AREA TO/FROM DISPOSAL AREA

**Notes:**

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.



NF1@epaibm.rtpnc.epa.gov

To

08/05/2008 07:06 AM

Subject TRAVEL DIRECT DEPOSIT NOTICE(\*TRAVEL-AP27\*)

FARYAN, STEVEN J.,

Your Servicing Finance Office certified the following travel voucher on 08/04/08.

TA#: 00QOUE.

TRAVEL DATES: 07/13/08 - 07/20/08

DCN: 0805FFG009

Amount: \$580.88.

This payment should be credited to your account by your financial institution within two to three work days from the date of certification. If you have any questions please contact the Cincinnati Finance Center's Customer Assistance Staff on (513)487-2346.

\*TRAVEL-AP27\*